

FIG. 1

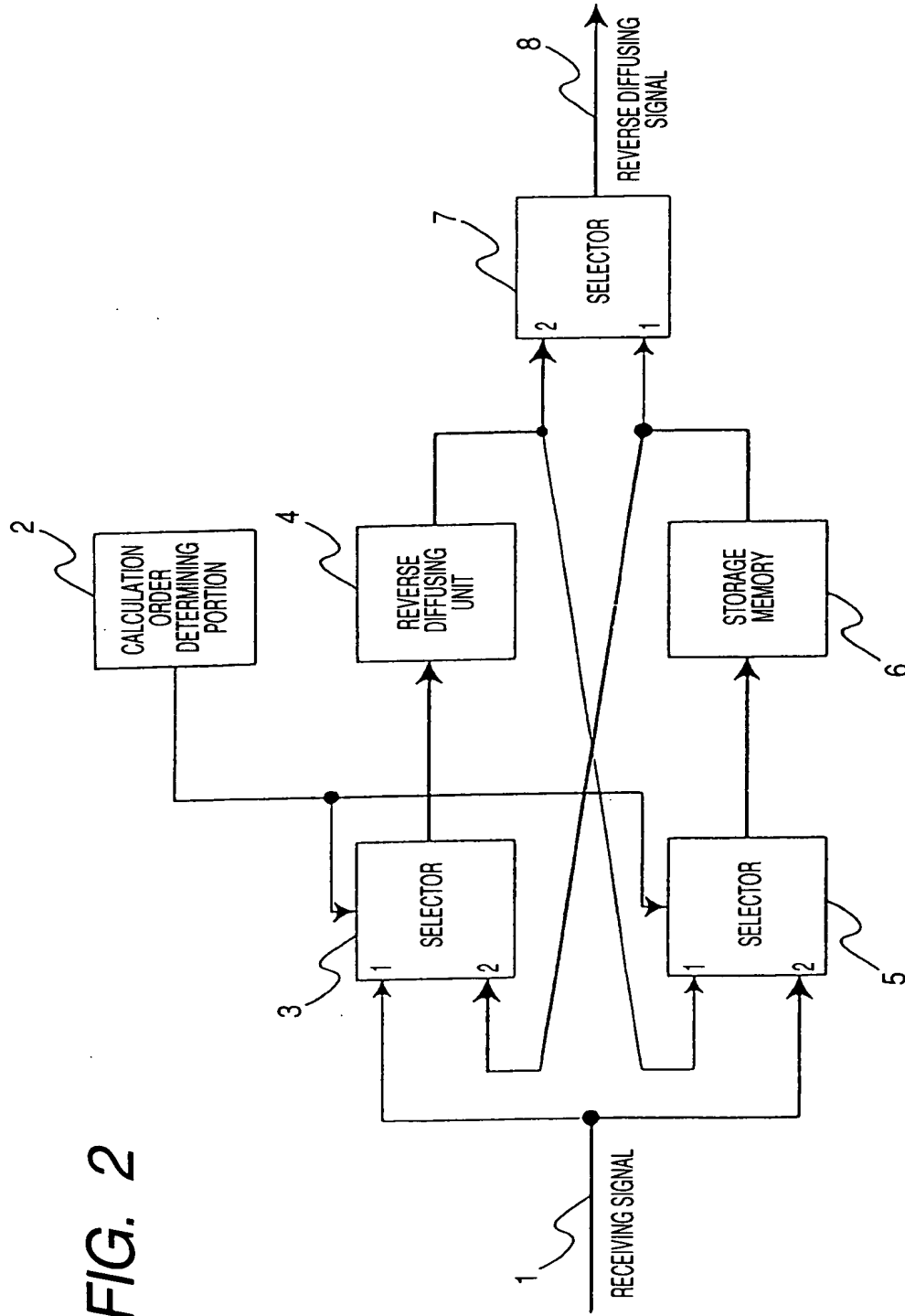


FIG. 3

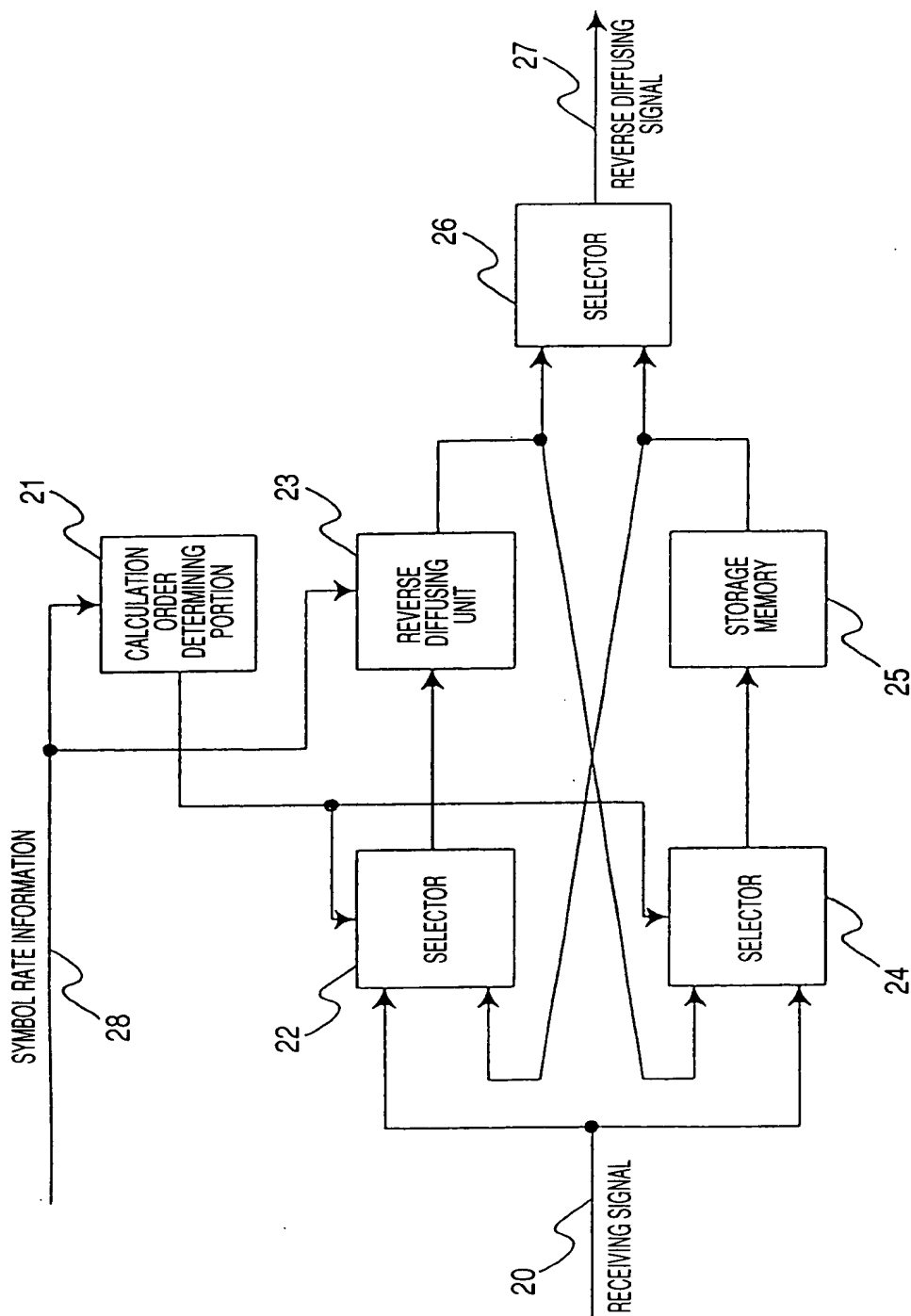


FIG. 4

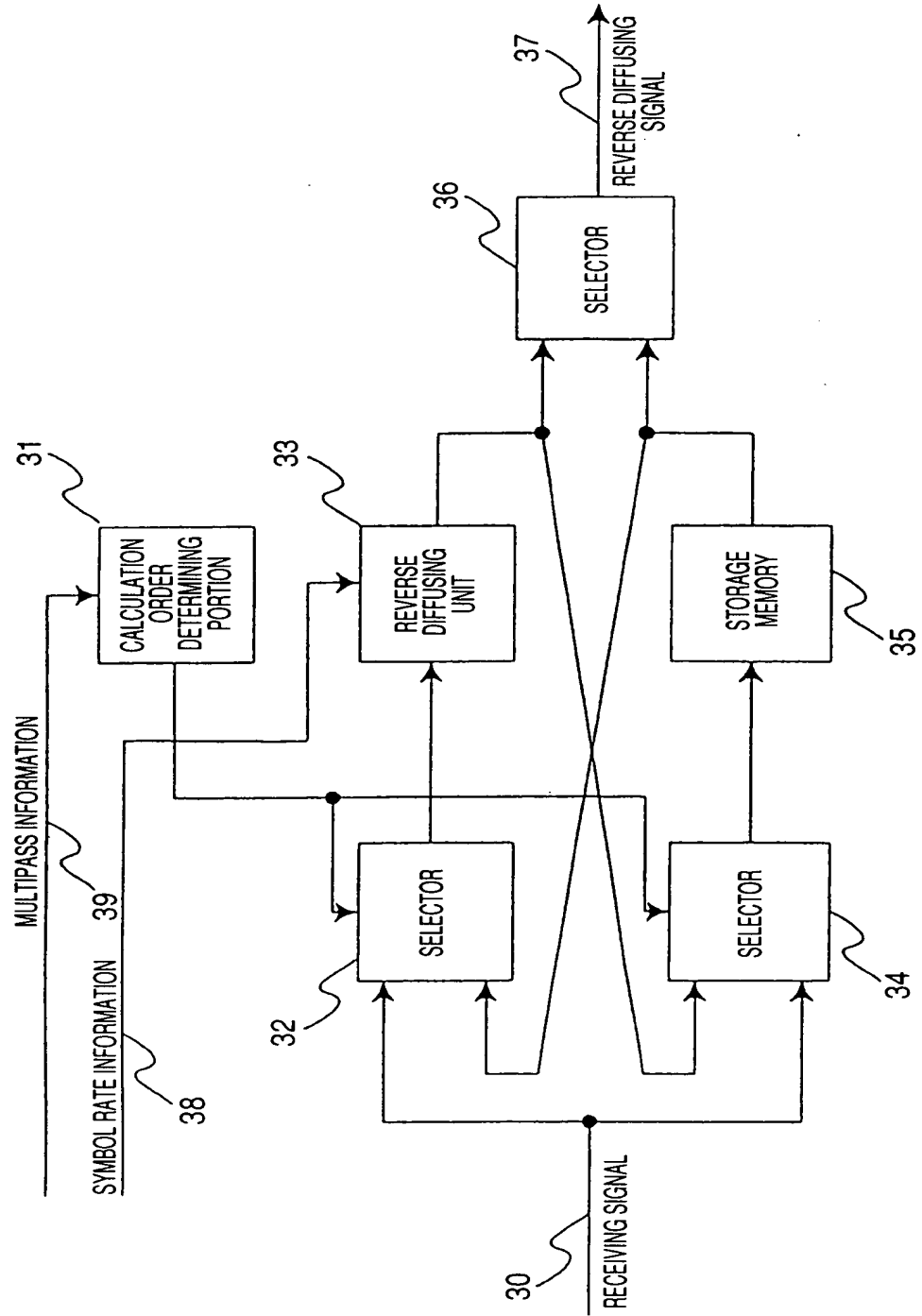
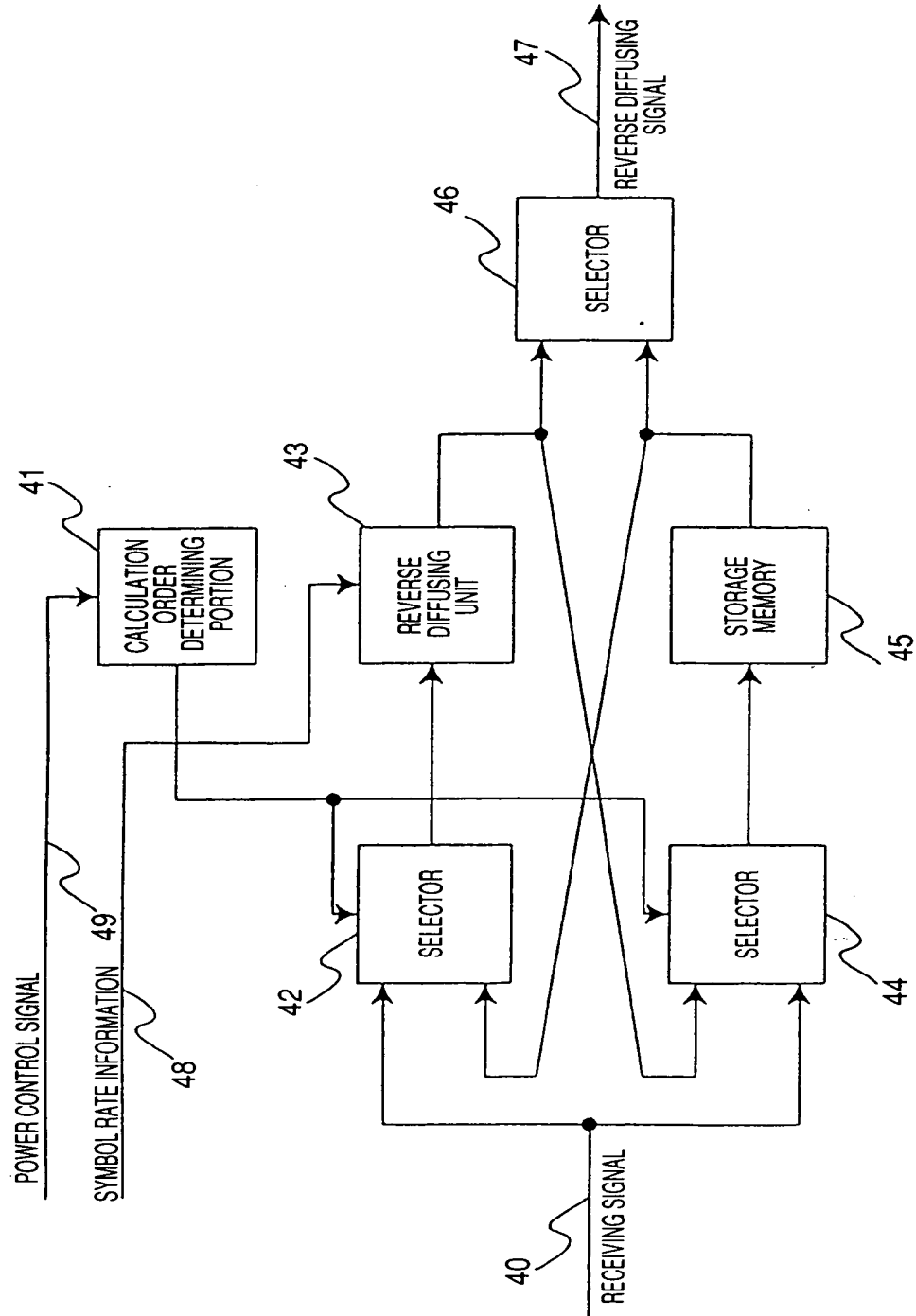


FIG. 5



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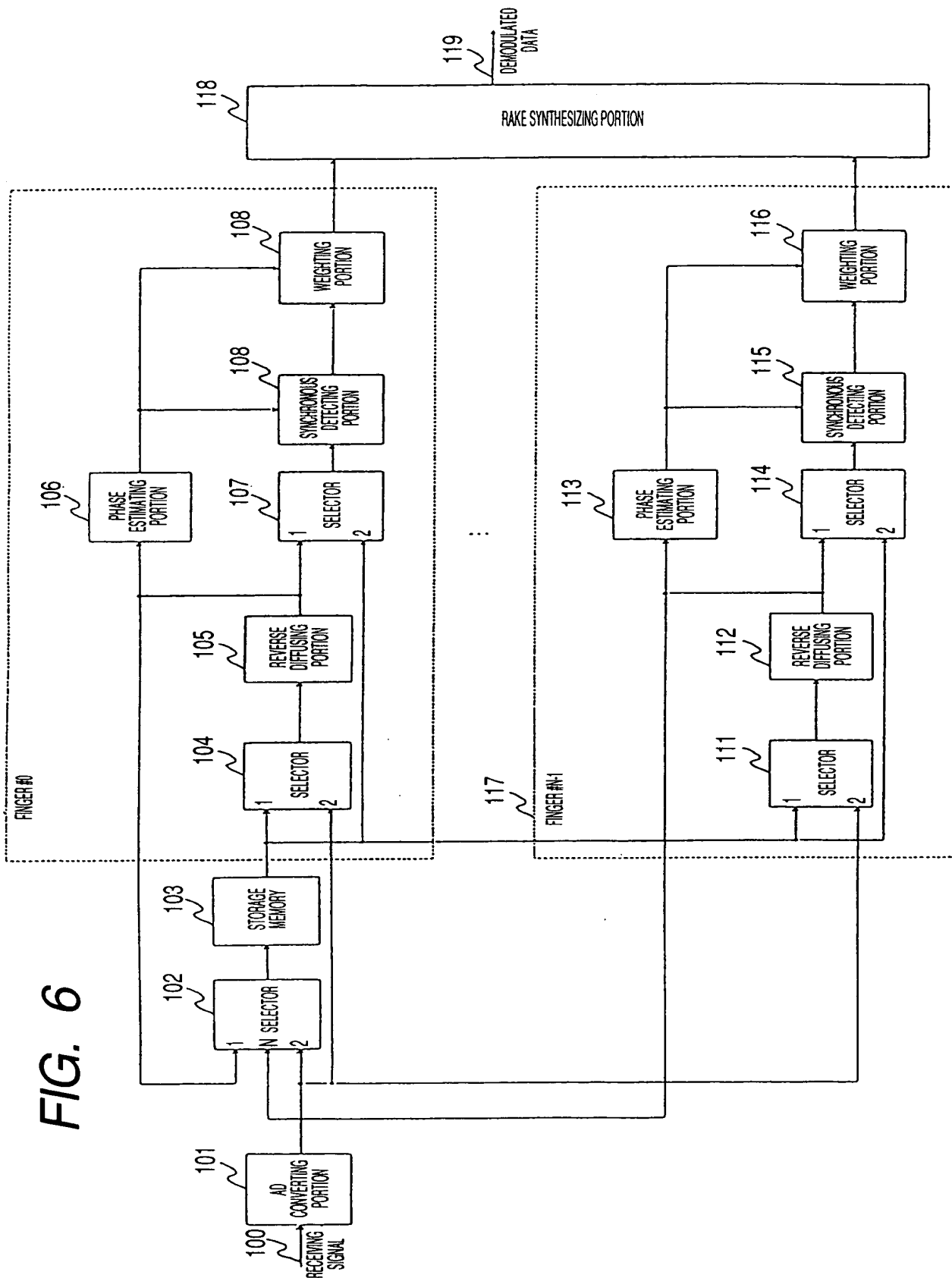
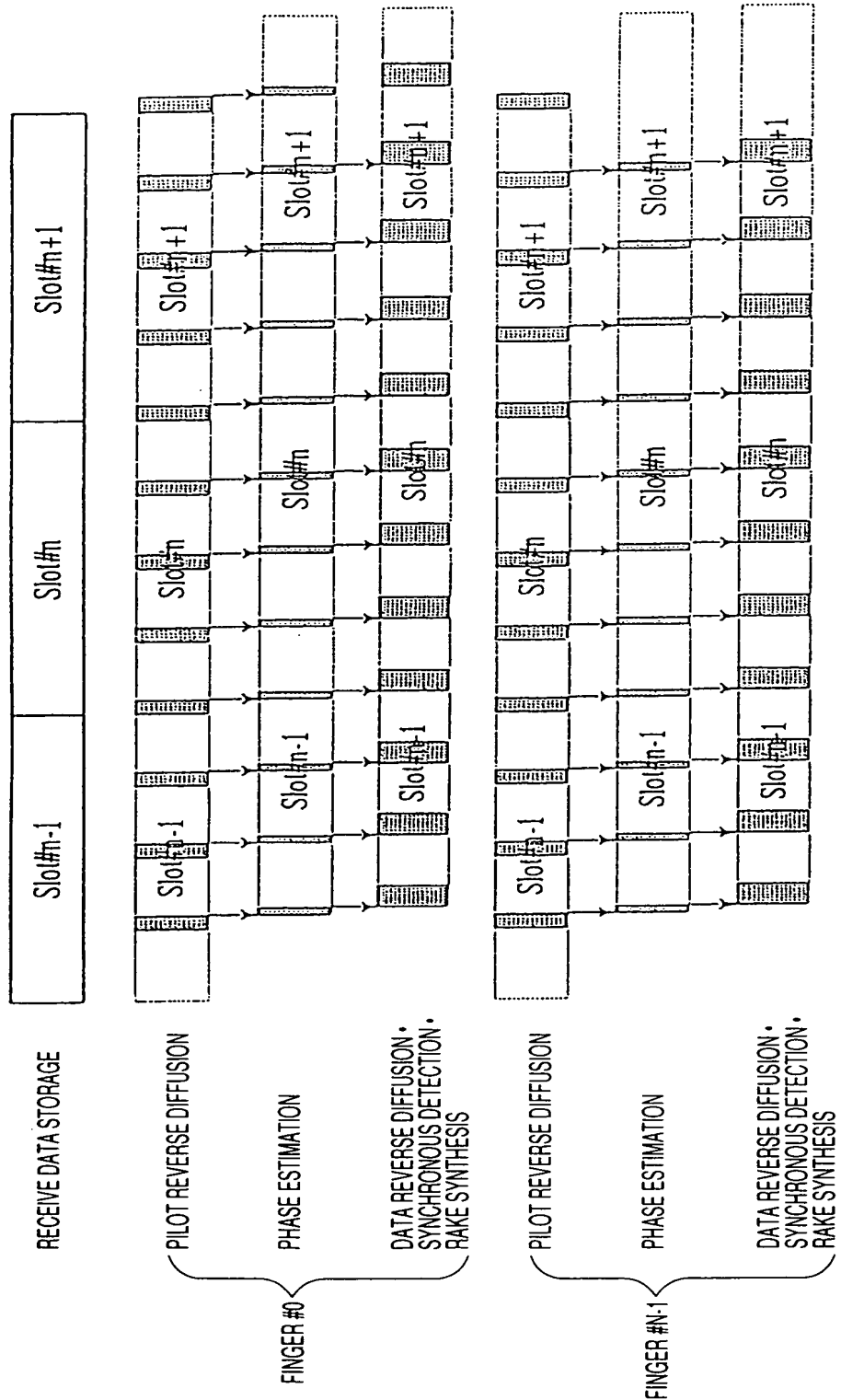


FIG. 7



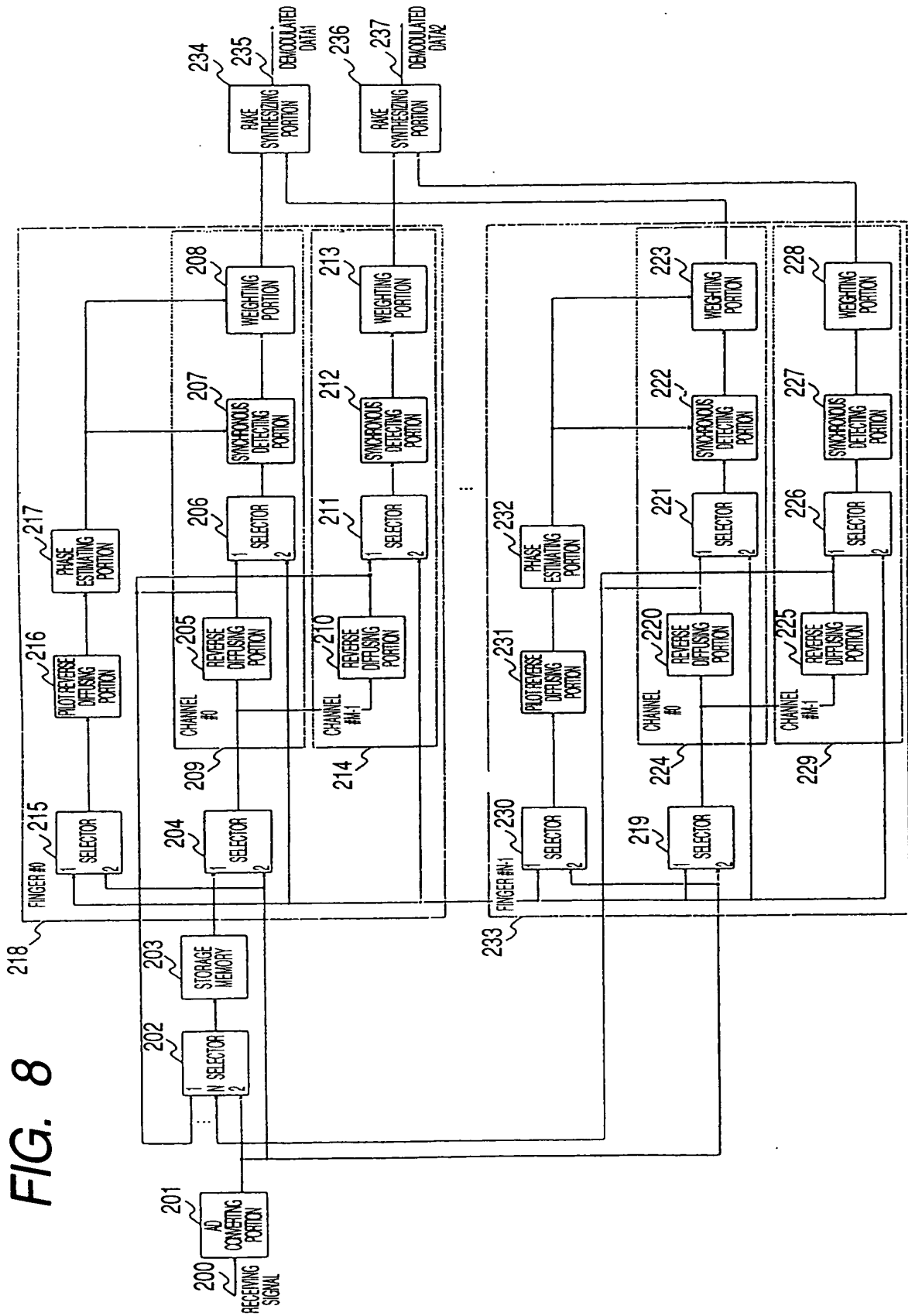
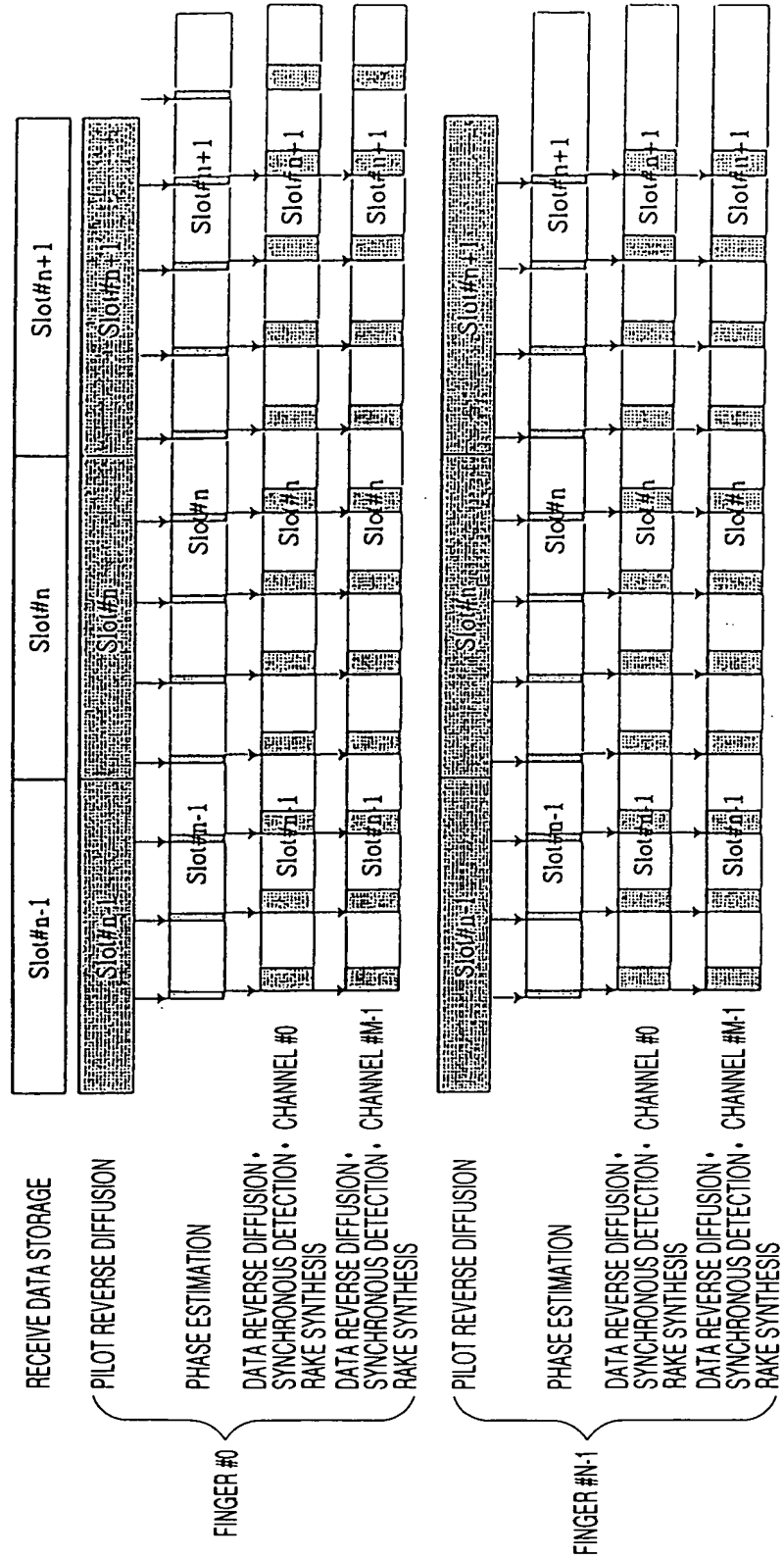


FIG. 9



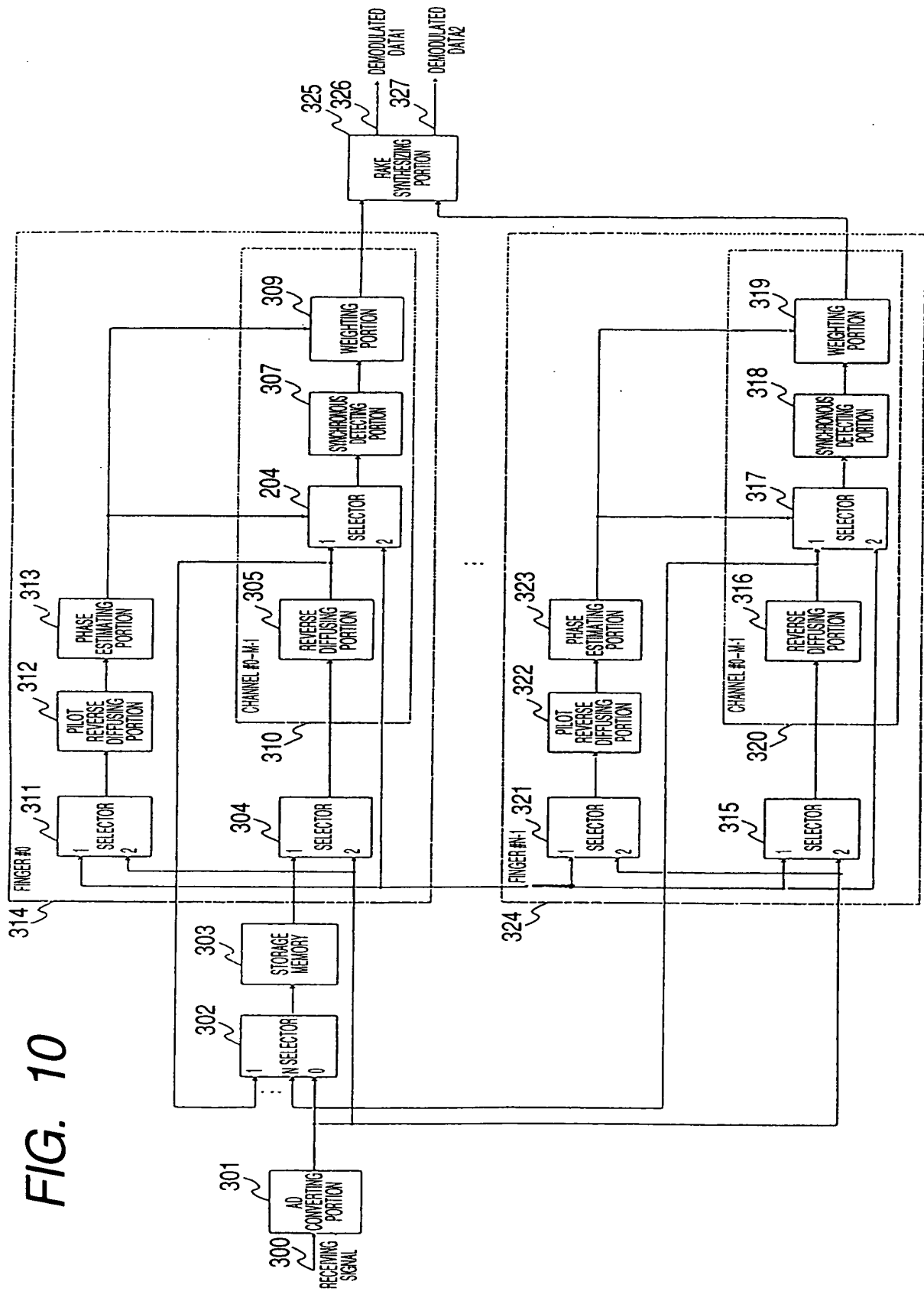
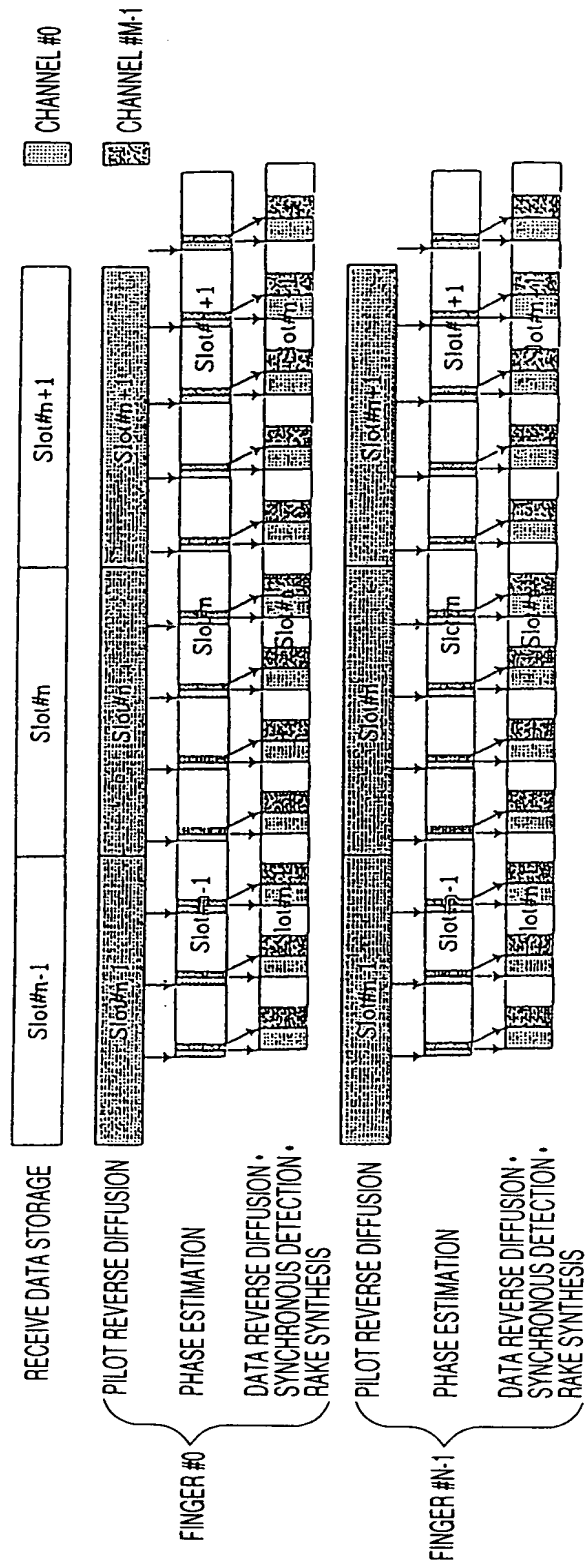


FIG. 10

FIG. 11



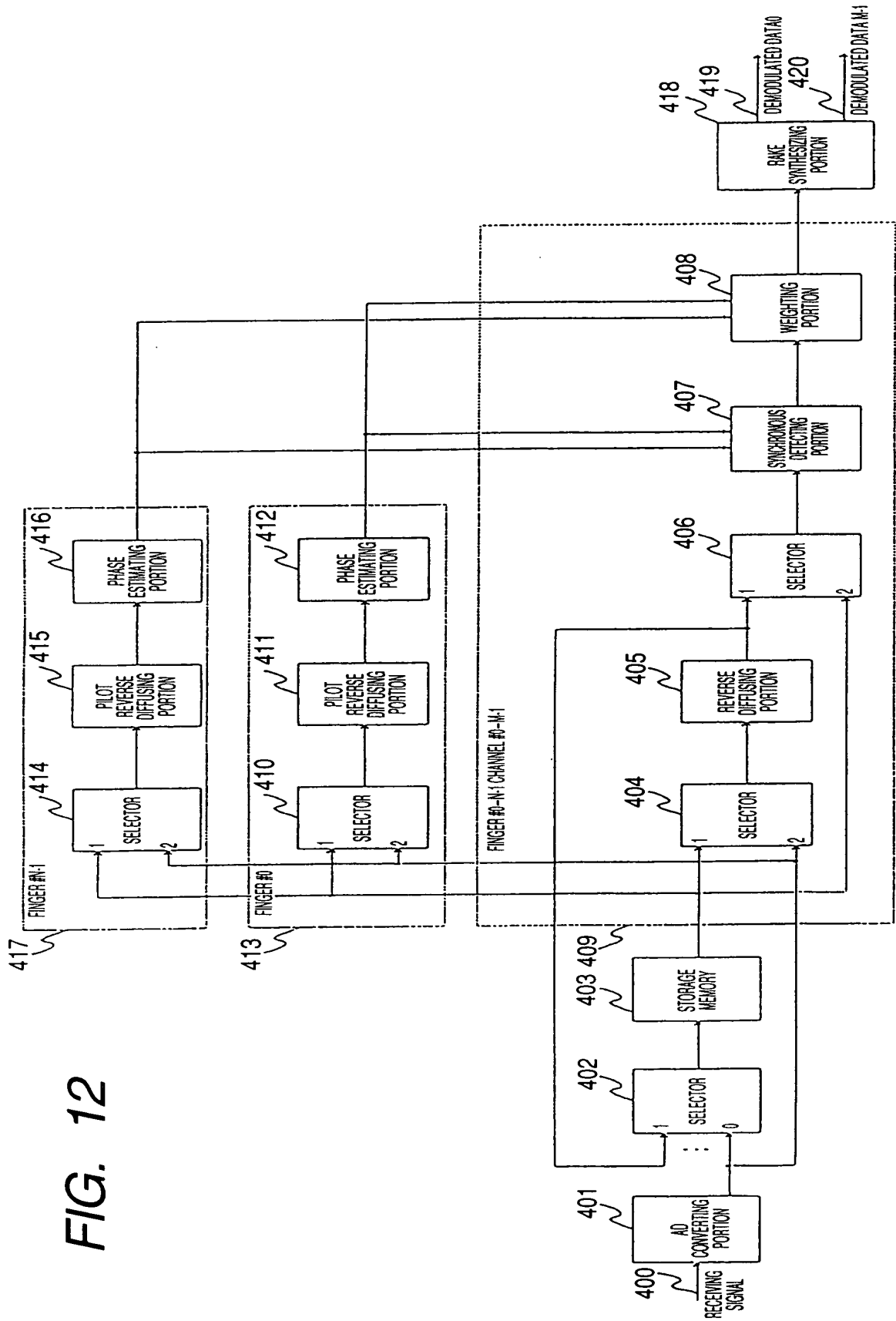
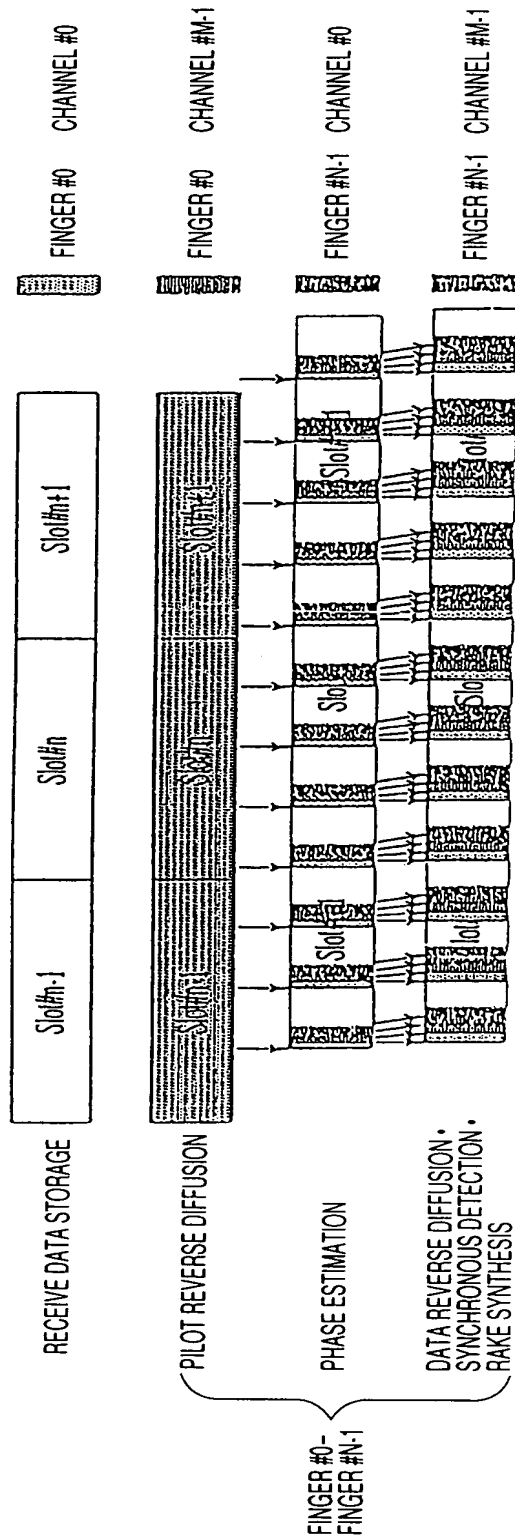
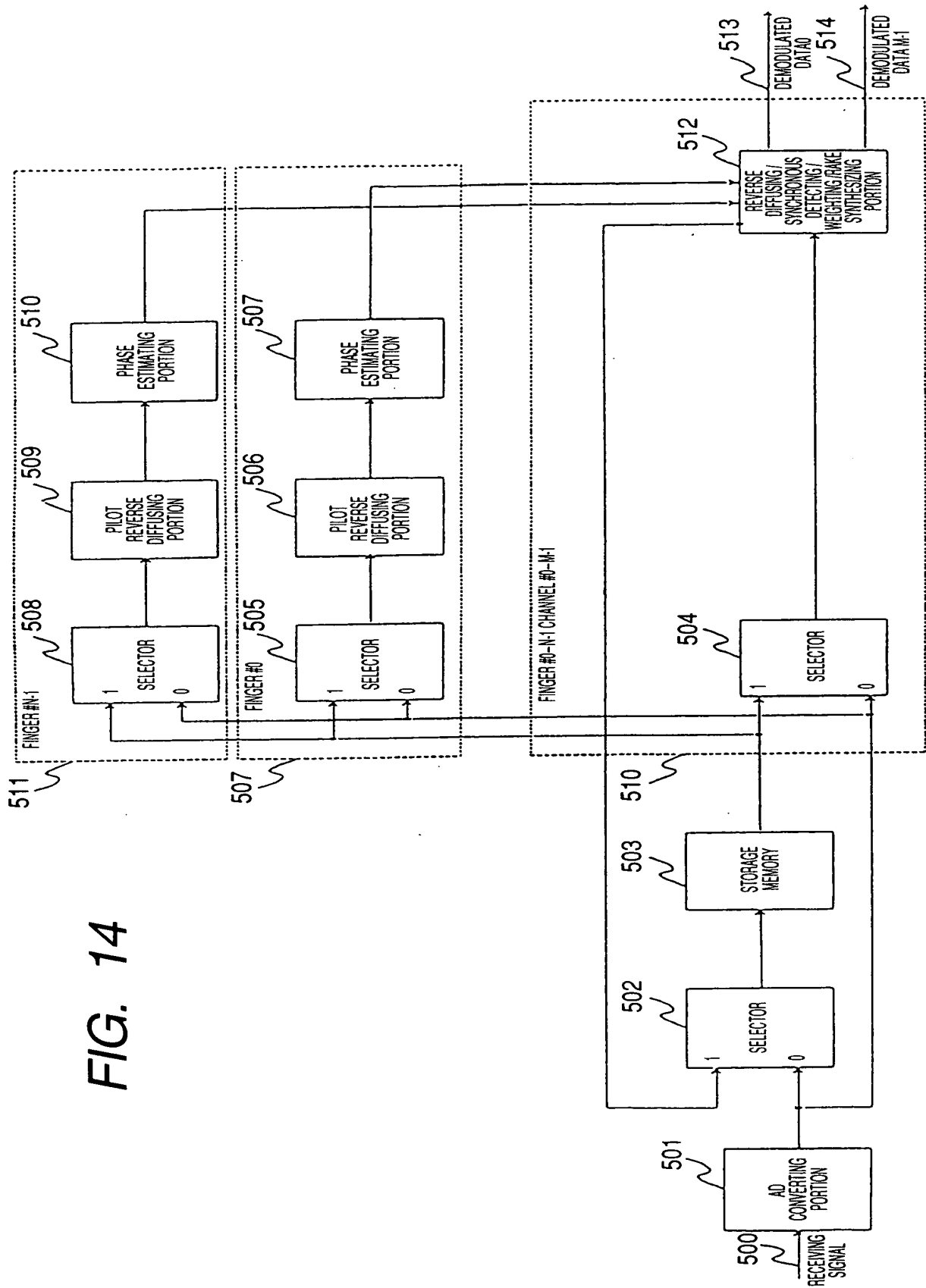


FIG. 13





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FIG. 15

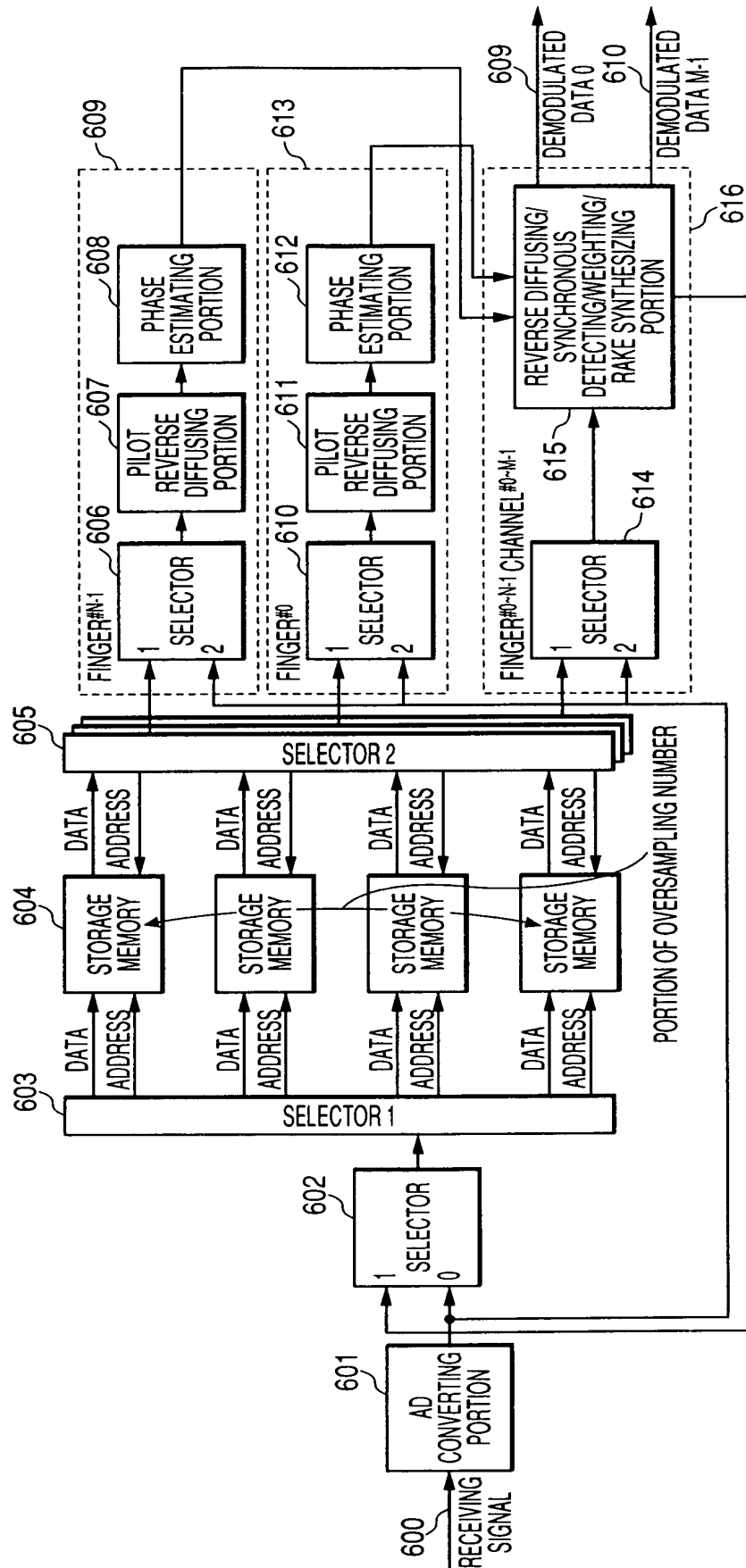


FIG. 16

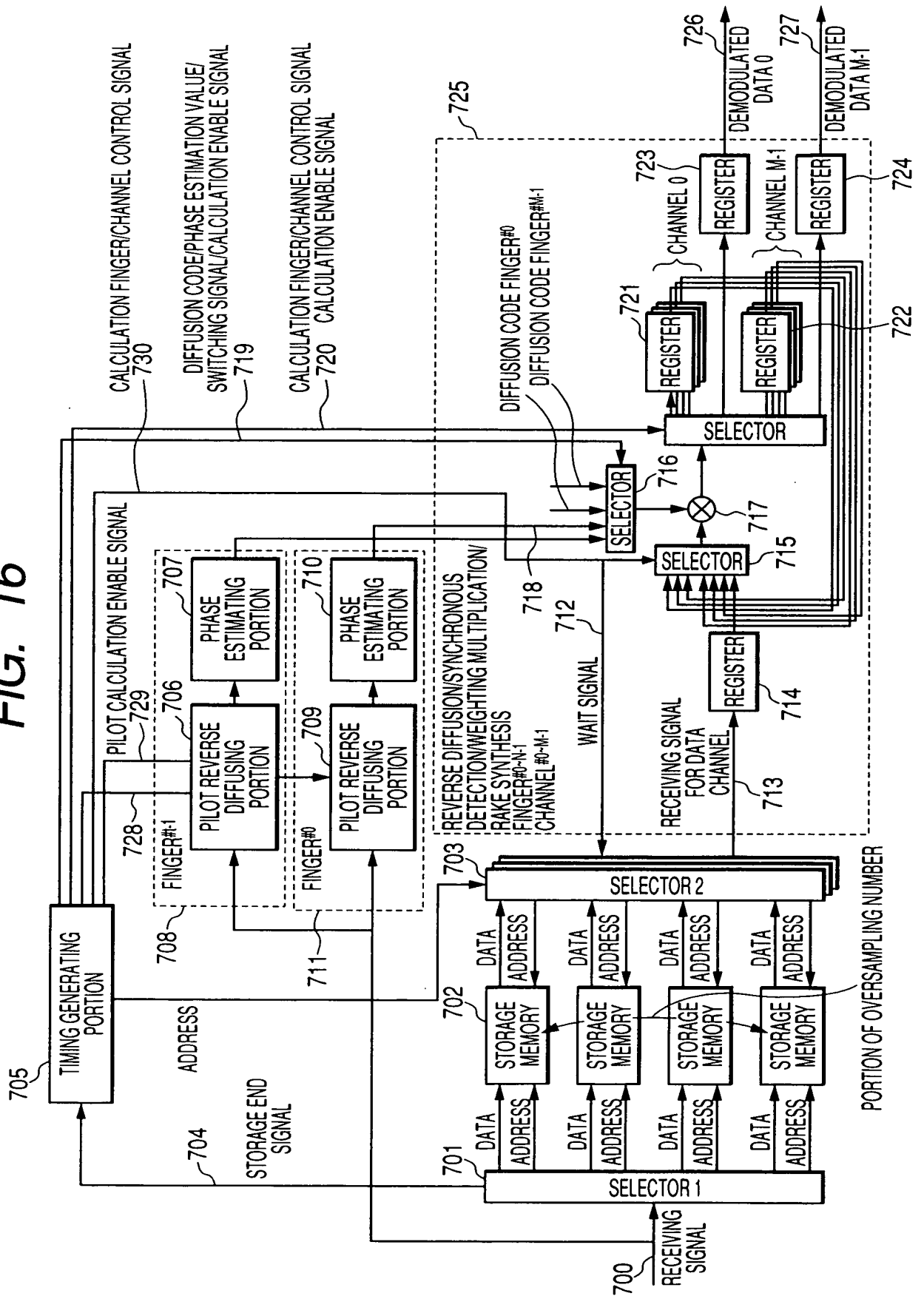
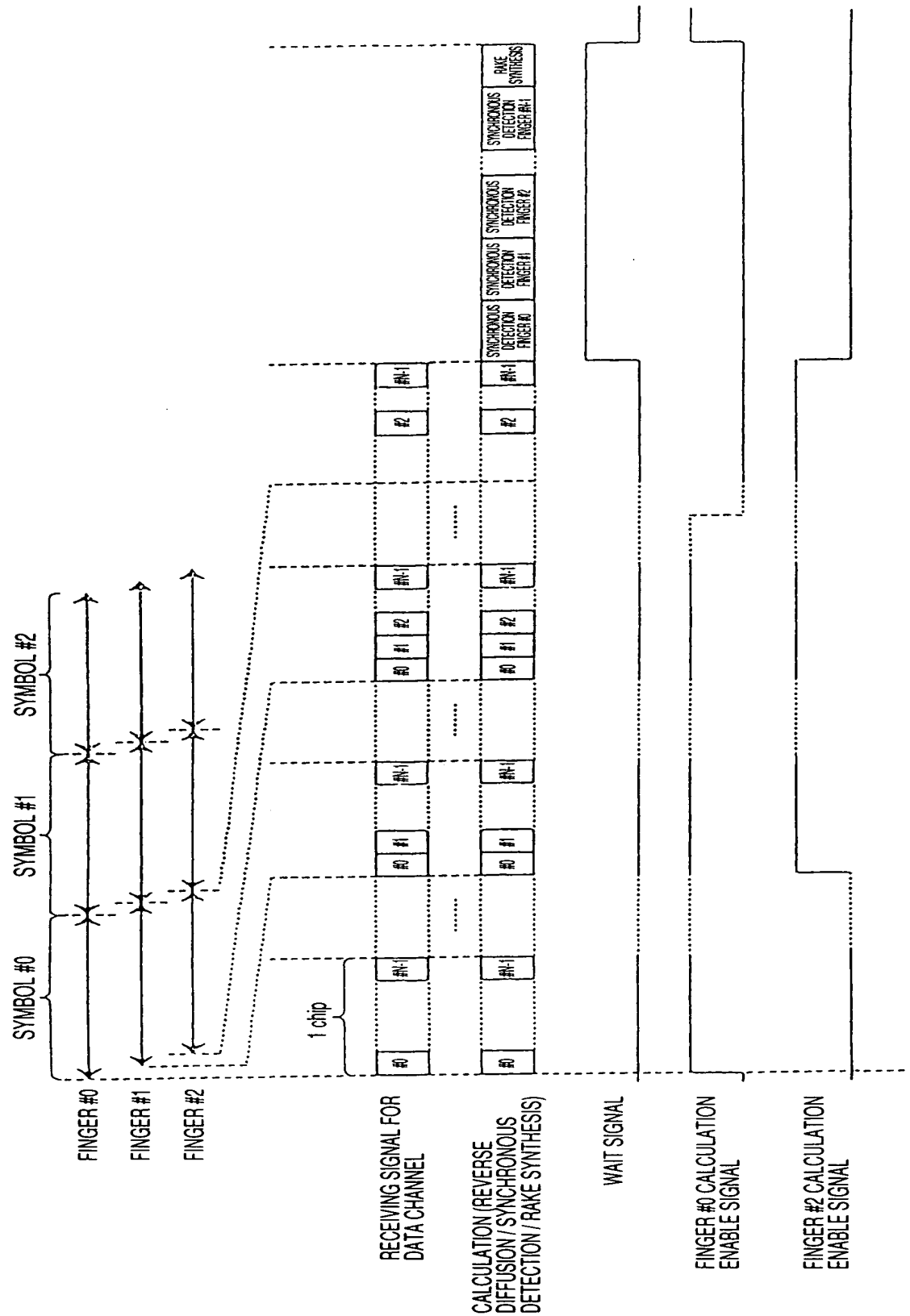


FIG. 17



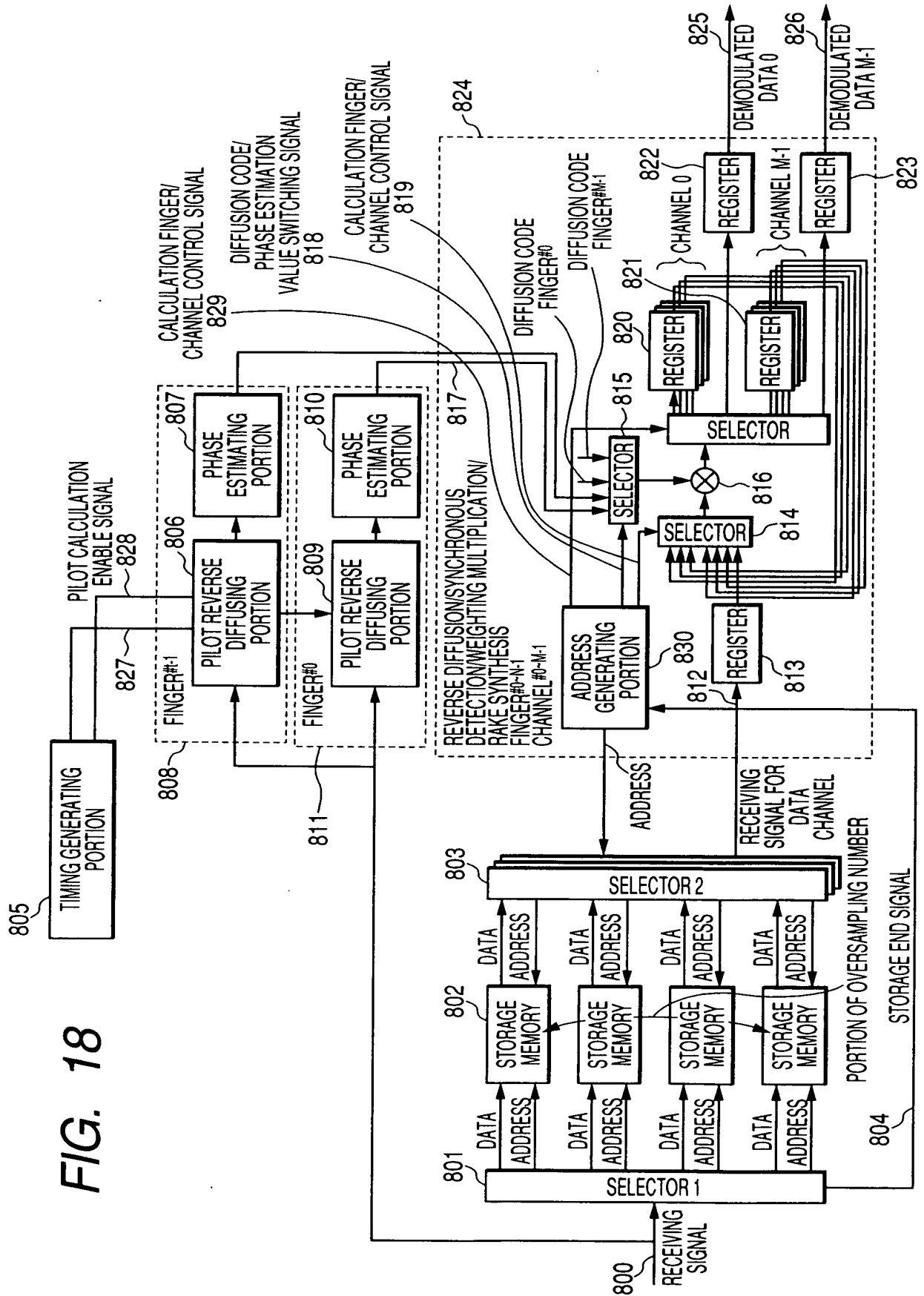


FIG. 19

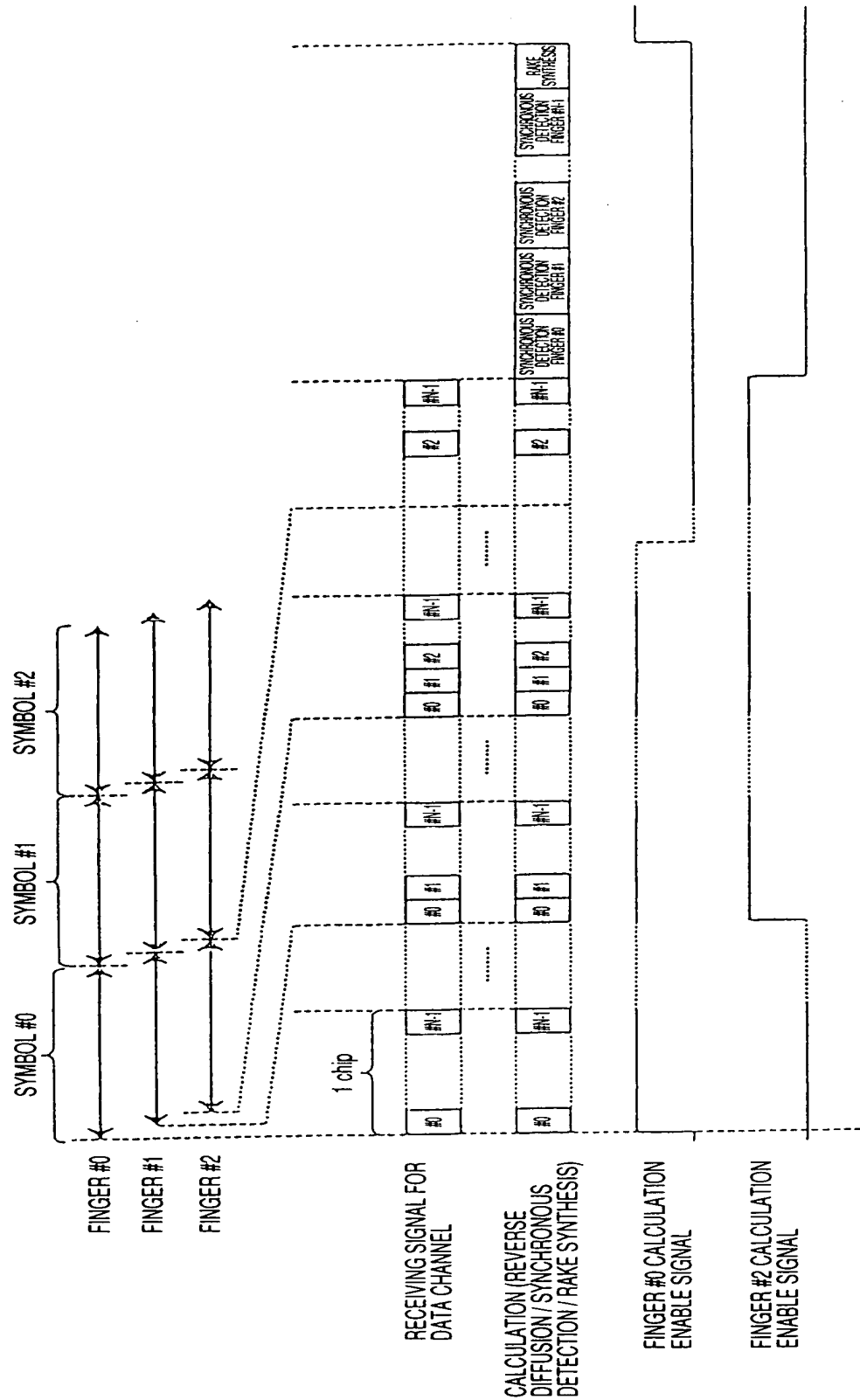
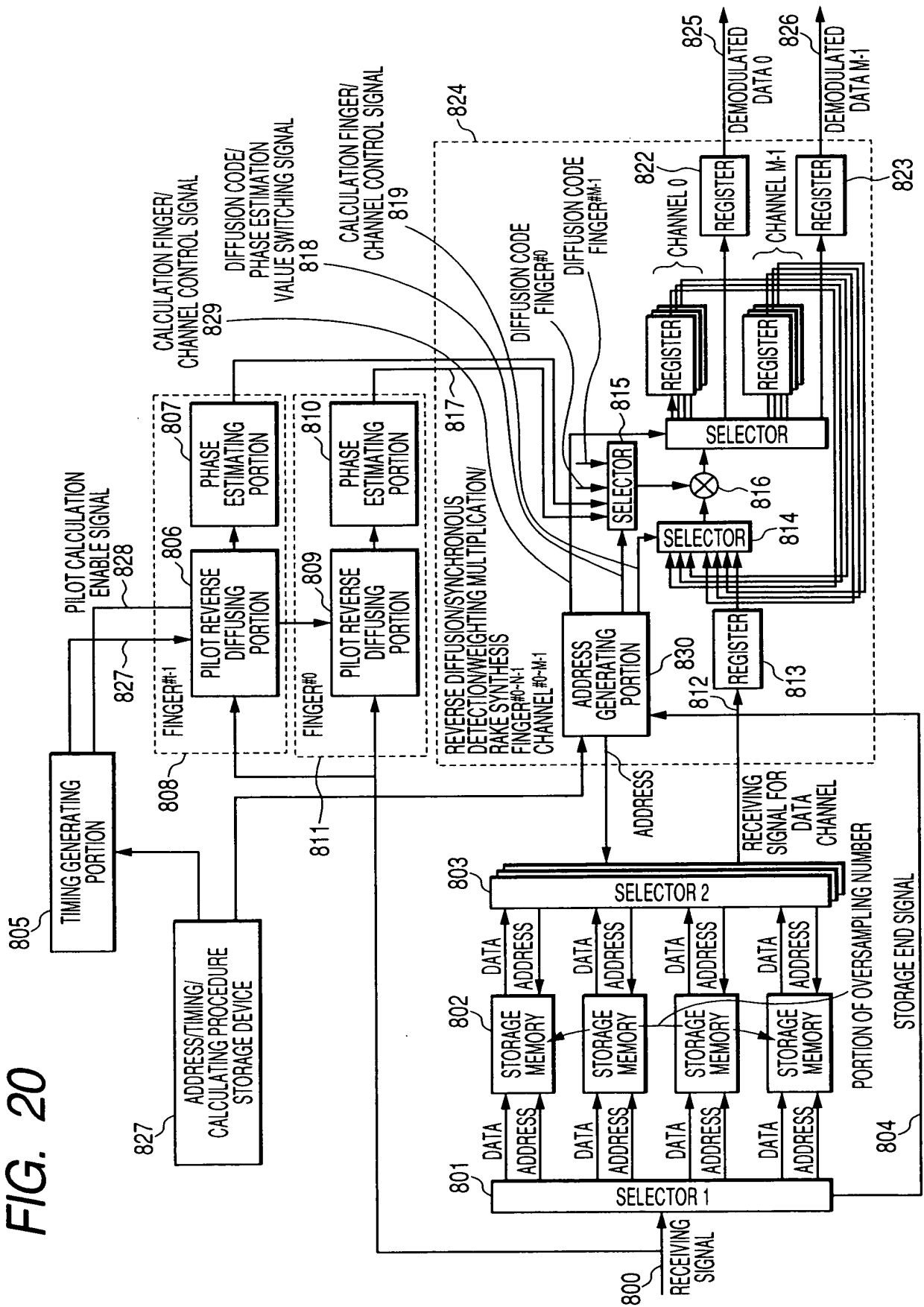


FIG. 20



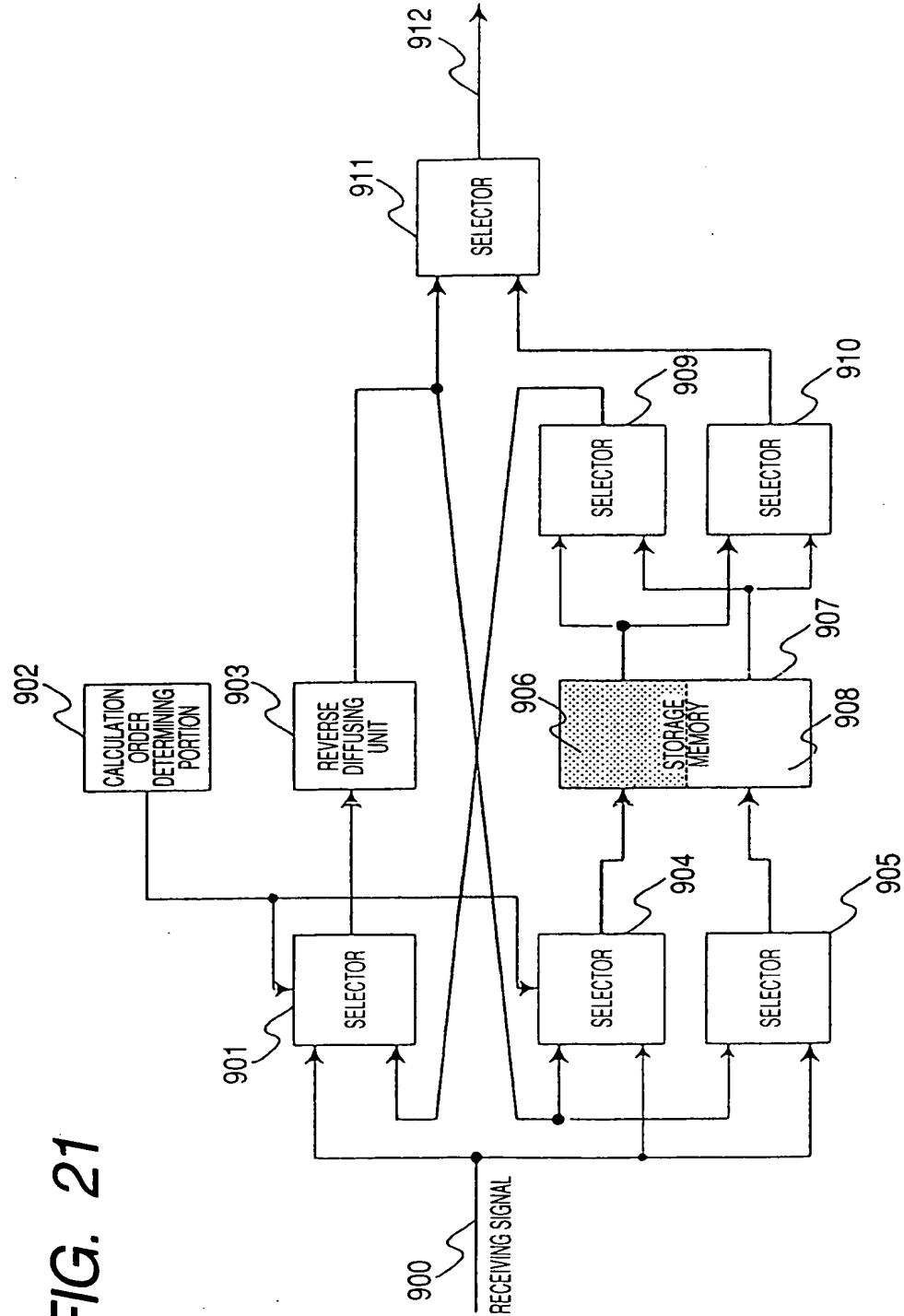


FIG. 21

FIG. 22

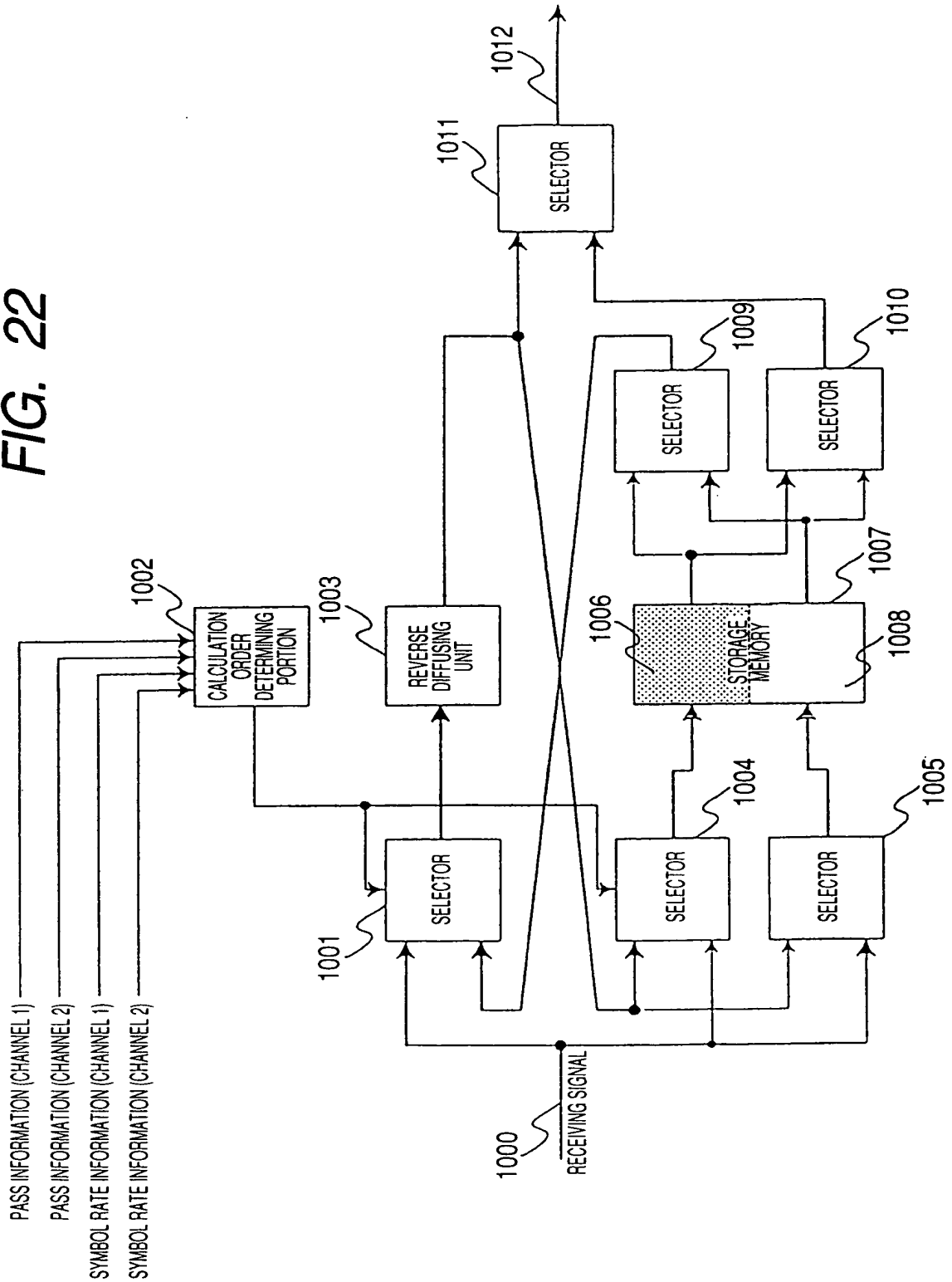


FIG. 23

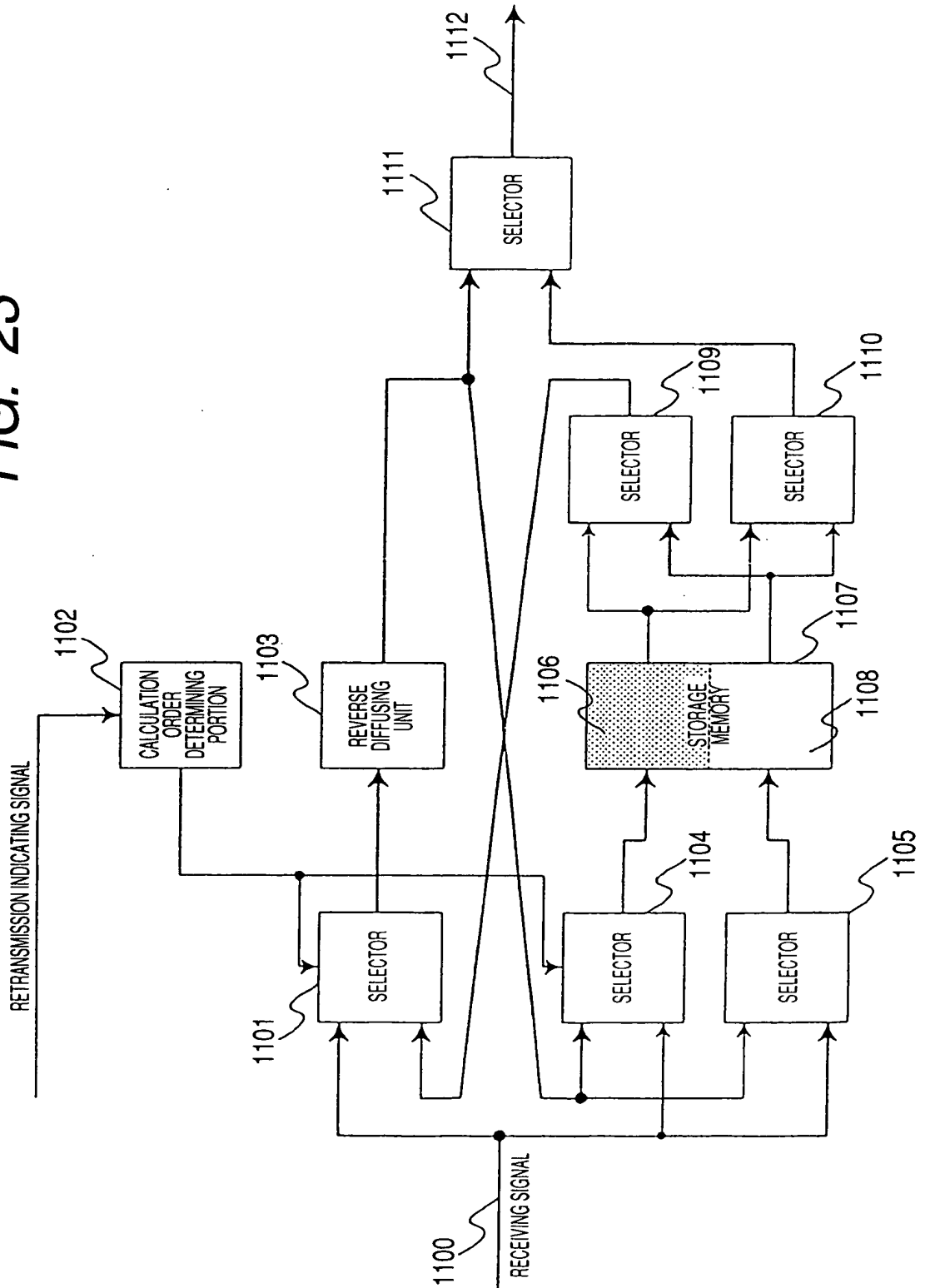
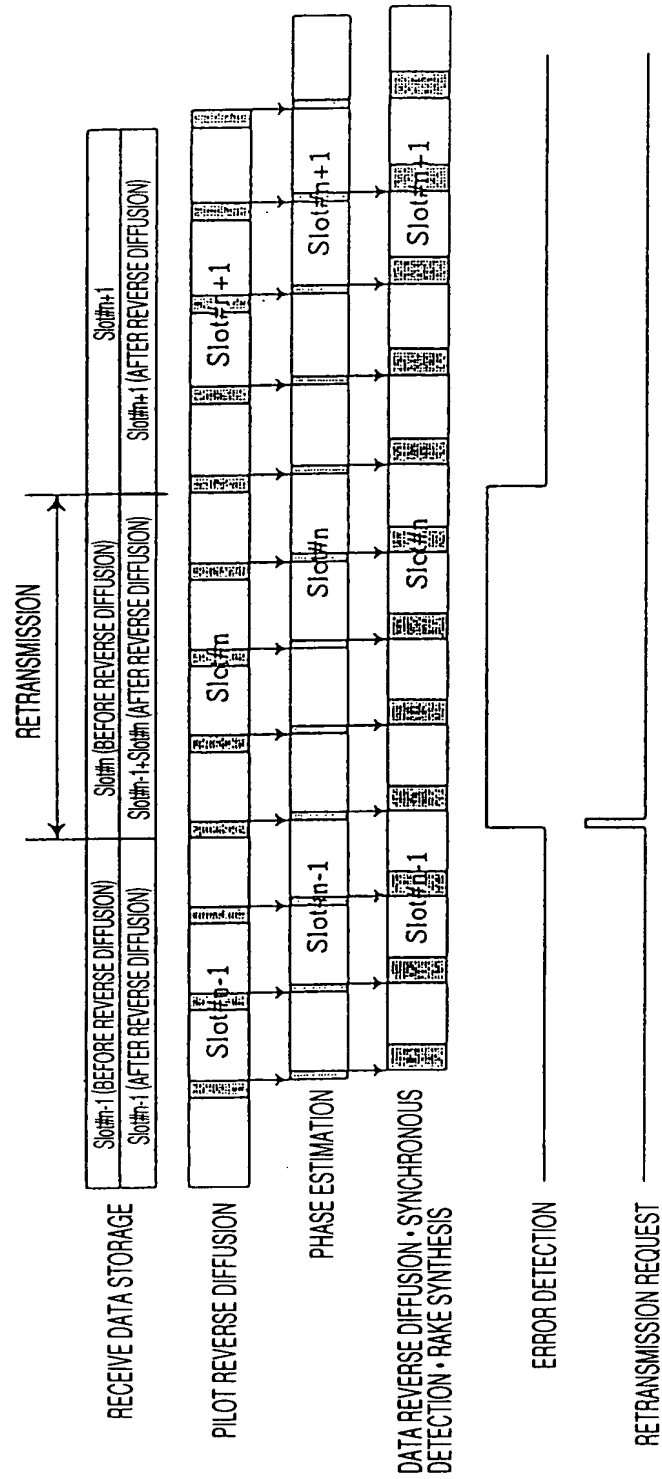


FIG. 24



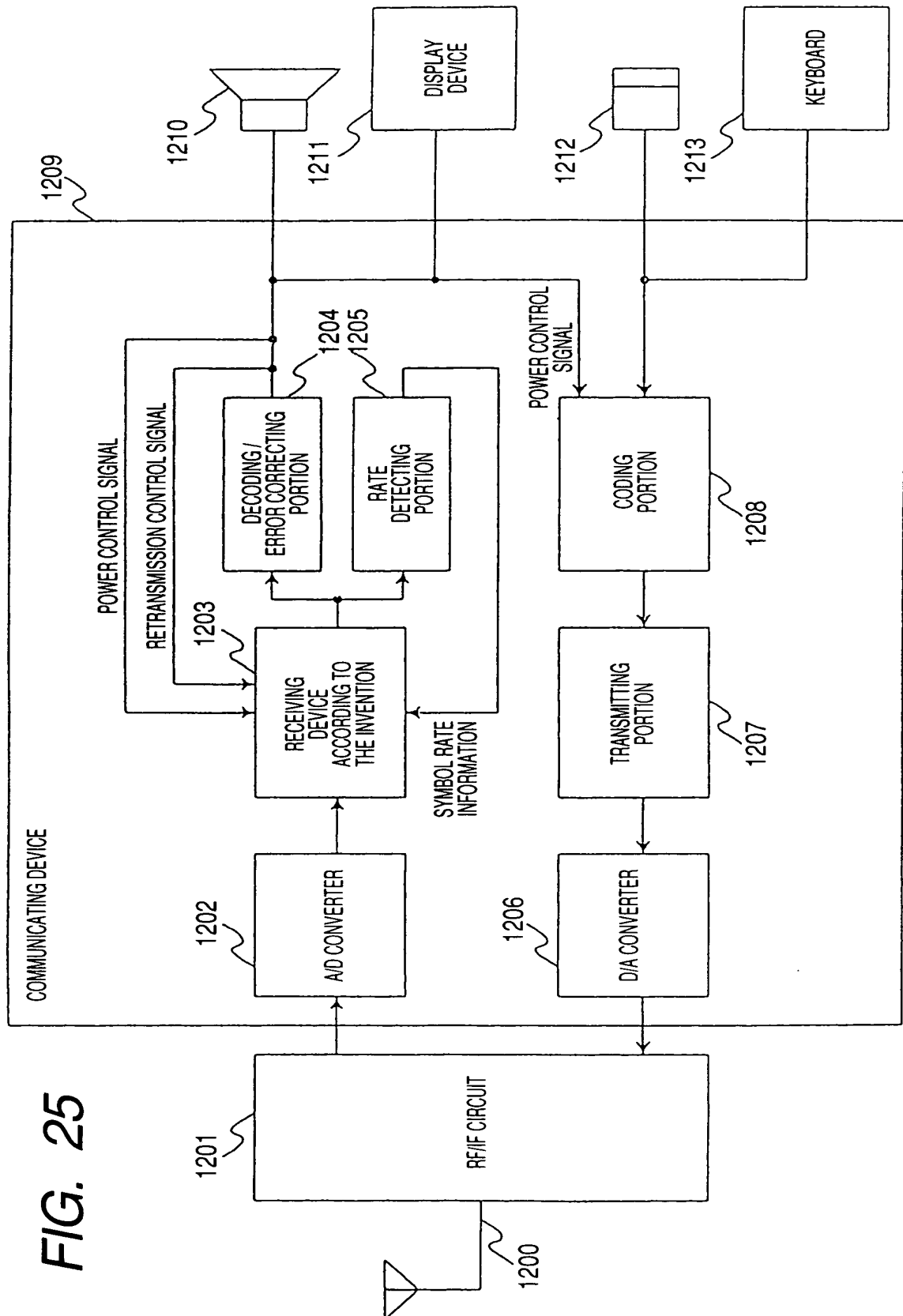


FIG. 25

FIG. 26

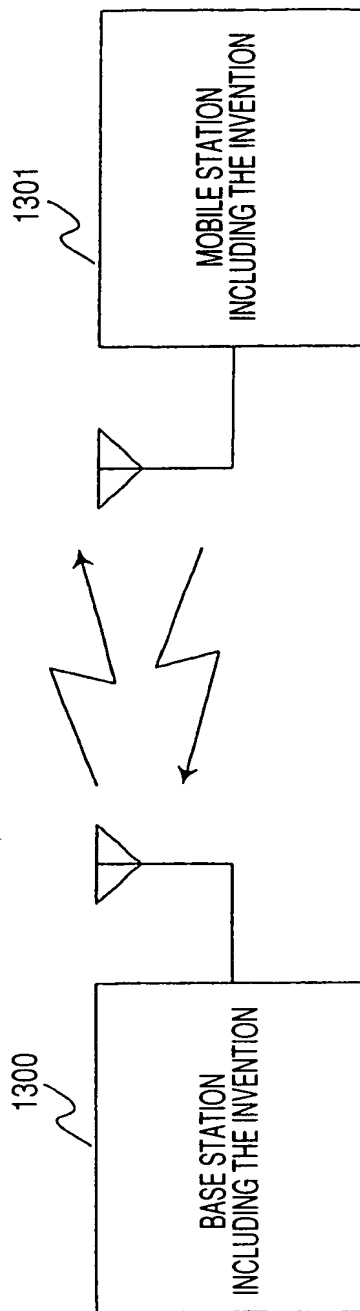


FIG. 27

<div> <CONDITION> •W-CDMA METHOD •NUMBER OF CHANNELS 15 •NUMBER OF RECEIVE DATA BITS 6 •NUMBER OF FINGER PASSES 12 •STORAGE TIME 1 SLOT •DIFFUSION RATE 4 </div>		
TOTAL NUMBER OF BITS OF MEMORY	CASE OF SYMBOL BUFFER AFTER REVERSE DIFFUSION	CASE OF RECEIVE DATA BUFFER
	$6(\text{NUMBER OF INPUT BITS})$ $\times 5(\text{AMPLIFICATION INCREASE RATE BY REVERSE DIFFUSION})$ $\times 12(\text{NUMBER OF FINGER PASSES})$ $\times (2560/16)(\text{NUMBER OF SYMBOLS IN SLOT})$ $\times 15(\text{NUMBER OF CHANNELS})$ $\times 2(IQ)$ =144000 BITS	$6(\text{NUMBER OF INPUT BITS})$ $\times (2560 \times 4)(\text{NUMBER OF SAMPLES IN SLOT})$ $\times 2(IQ)$ =122880 BITS

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FIG. 28

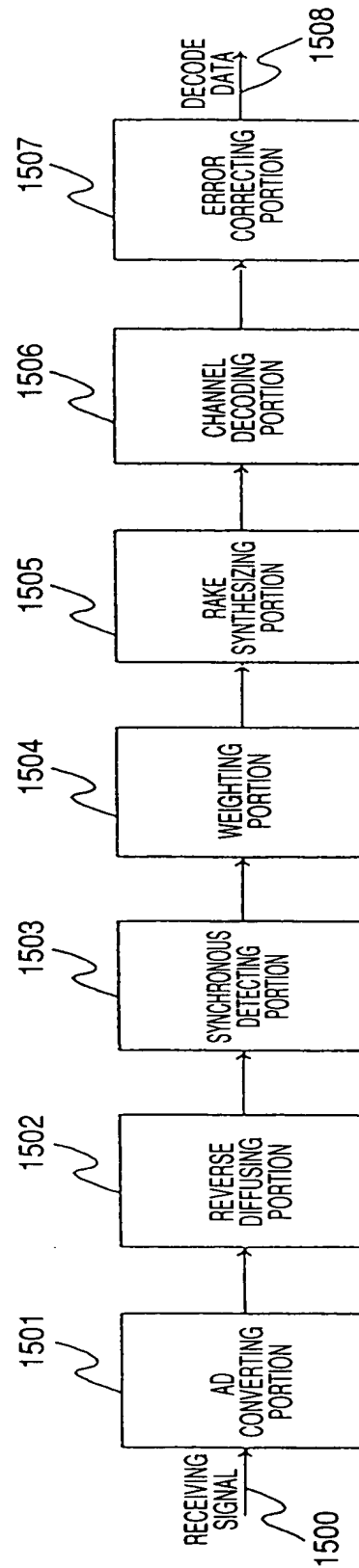


FIG. 29

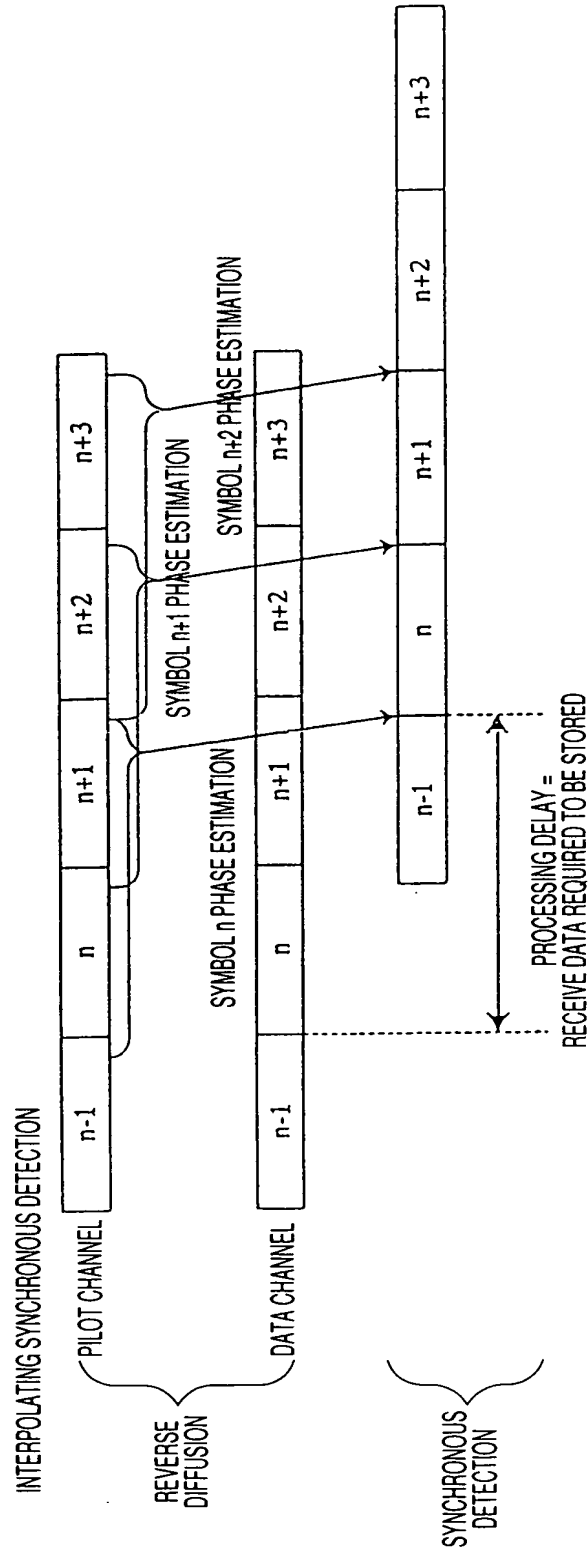


FIG. 30

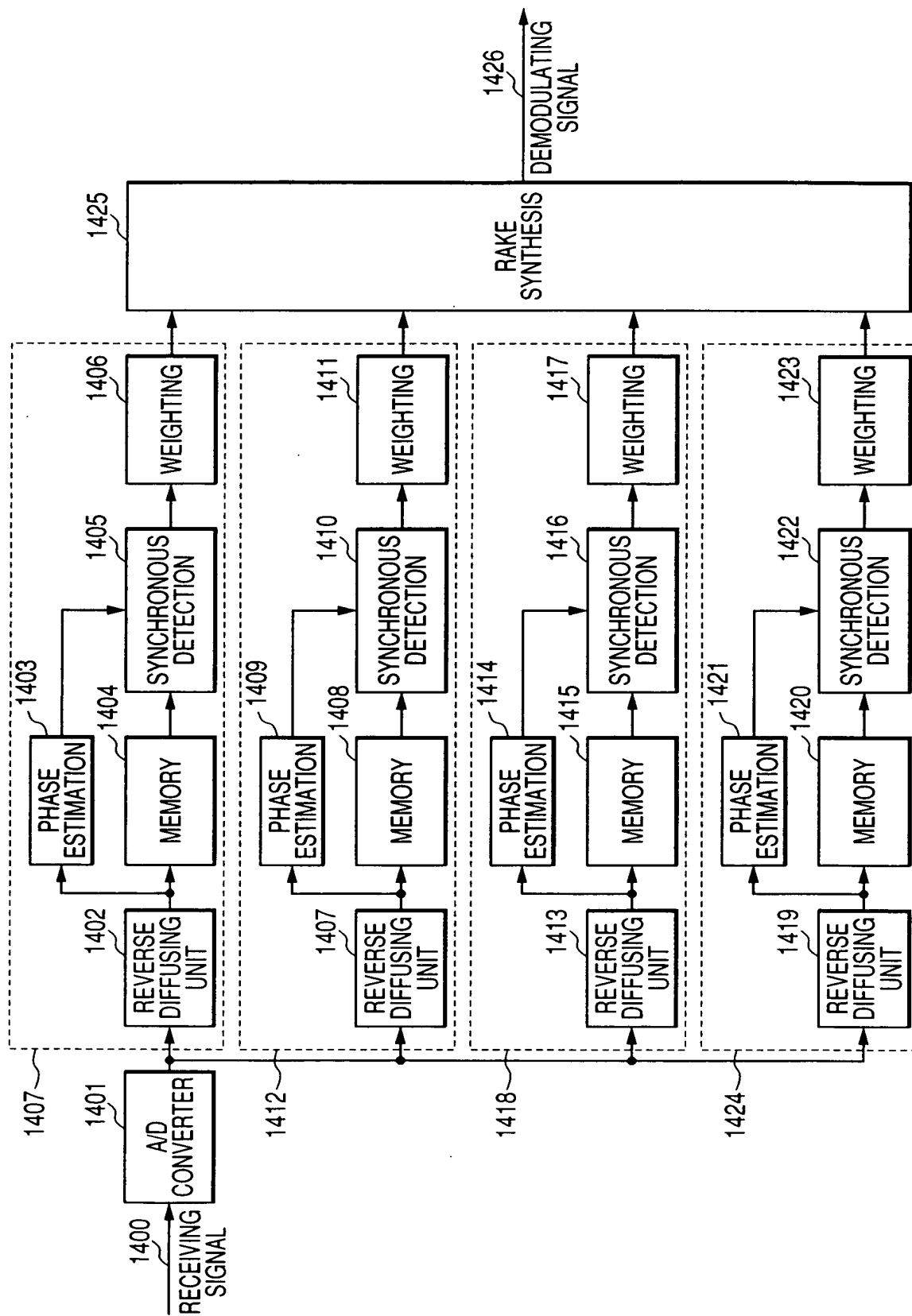


FIG. 31

